

Calibration of Nacelle-based Lidar instrument - DTU Orbit (08/11/2017)

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This report presents the result of the lidar calibration performed for a two-beam nacelle based lidar at DTU's test site for large wind turbines at Høvsøre, Denmark. Calibration is here understood as the establishment of a relation between the reference wind speed measurements with measurement uncertainties provided by measurement standard and corresponding lidar wind speed indications with associated measurement uncertainties. The lidar calibration concerns the 10 minute mean wind speed measurements.

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